

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1033	257/529.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/27 20:28
L2	1438	257/762.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/27 20:29
L3	107	(metal\$4 with fuse) and (fourth adj4 (dielectric insulat\$3 \$2oxide nitride)) and (substrate carrier wafer base) and thin and thick\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/27 20:44
L4	101	3 and (@ad<"20041005" @rlad<"20041005")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/27 20:43
L5	409	(metal\$4 with fuse) and ((third plural\$3 multi\$3) adj4 (dielectric insulat\$3 \$2oxide nitride)) and (substrate carrier wafer base) and thin and thick\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/27 20:43
L6	270	(5 not 4) and (@ad<"20041005" @rlad<"20041005")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/27 20:43
L7	202	6 and expos\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/27 20:43
L8	12	((metal\$4 with fuse) and ((dielectric insulat\$3 \$2oxide nitride)) and (substrate carrier wafer base) and (fuse same (thin and thick\$4)) and expos\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/27 20:45
L9	745	H01L29/40.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/27 20:56
L10	1119	H01L29/00.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/27 20:55
S1	1	"10904081"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/14 20:39
S2	0	("2005/0110148").URPN.	USPAT	OR	ON	2006/05/14 20:51
S3	0	"10711790"	USPAT	OR	ON	2006/05/14 20:51
S4	1	10/711790	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/14 22:12

## EAST Search History

S5	24	lee-chiu-te.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/14 22:12
S6	4	wu-te-yuan.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/14 22:13
S7	7	(S5 S6) and fuse and (dielectric or insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/14 22:13
S8	7	S7 and thick and thin	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/14 22:14
S9	2	("6175145"   "6444544").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/14 22:17
S10	9	("4329706"   "4381595"   "4547830"   "4873506"   "5011791"   "5472901"   "5545927"   "5627400"   "5795819").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/14 22:22
S11	0	("6667534").URPN.	USPAT	OR	ON	2006/05/14 22:23
S12	6	("20020142592"   "5970346"   "6008075"   "6175145"   "6294474"   "6444544").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/14 22:24
S13	3	("5444012"   "5538924"   "5567643").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/14 22:25
S14	9	("4329706"   "4381595"   "4547830"   "4873506"   "5011791"   "5472901"   "5545927"   "5627400"   "5795819").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/14 22:26
S15	8	("6175145").URPN.	USPAT	OR	ON	2006/05/14 22:27
S16	17	("4647340"   "4826785"   "4985750"   "5321264"   "5321322"   "5420455"   "5523253"   "5608257"   "5663590"   "5731624"   "5760674"   "5795819"   "6061264"   "6078091"   "6111301"   "6163062"   "6175145").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/14 22:30
S18	437	438/131, "132,215,333,433,467,600,601".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 10:27
S19	3007	257/50,209,529,530,e21.592,e23.147-e23.15.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 08:55
S20	1297	(S18 S19) and (substrae or wafer or board) and (dielectric or insulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:06
S21	105	S20 and (\$fuse same thin same thick)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:05
S22	73	S21 and ((metal\$4 or conduct\$4) same (thin same thick))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:14

## EAST Search History

S23	67	S22 and (@ad<"20020605" or @rlad<"200020605")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:05
S24	53	S23 and ((fuse or thin) with thickness)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 08:58
S25	43	S24 and ((opening or hole or via or trench or slot) with expos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:07
S26	10	S24 not S25	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:04
S27	543	(\$fuse same thin same thick) and (@ad<"20020605" or @rlad<"200020605") and (substraee or wafer or board) and (dielectric or insulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:06
S28	967	(\$fuse same thin same thick) and (@ad<"20020605" or @rlad<"200020605") and (substrate or wafer or board) and (dielectric or insulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:06
S29	2454	(S18 S19) and (substrate or wafer or board) and (dielectric or insulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:06
S30	170	(S28 and S29)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:07
S31	117	S30 not S24	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:07
S32	49	S31 and ((opening or hole or via or trench or slot) with expos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:13
S33	213	(S28 not S32) and ((opening or hole or via or trench or slot) with expos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:14
S34	143	S33 and ((fuse or metal\$4 or conduct\$4) same (thin same thick))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:15
S35	66	S33 and ((fuse or metal\$4 or conduct\$4) with (thin same thick))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 09:15

## EAST Search History

S36	1351	438/131,132,215,333,433,467,600,601.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 10:30
S37	2	"6707129"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 10:30
S38	11	"6433438"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 10:31
S39	6	"6677226"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 10:30
S40	21	"5844295"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/15 10:32
S41	4	"10245433"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 19:47
S42	2	10/245433	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 19:47
S43	6	("4792835"   "5936296"   "6037648"   "6100116"   "6100118"   "6261873").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 19:48
S44	10	("4413272"   "4628590"   "4827325"   "5365104"   "5538924"   "5578517"   "5585662"   "5879966"   "5970346"   "5972756").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 19:49
S45	8	("6100116").URPN.	USPAT	OR	ON	2006/10/29 19:51
S46	10	("4413272"   "4628590"   "4827325"   "5365104"   "5538924"   "5578517"   "5585662"   "5879966"   "5970346"   "5972756").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 19:51
S47	3	("5444012"   "5538924"   "5567643").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 19:51
S48	3	("4455194"   "5025300"   "5241212").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 19:52
S49	38	("5444012").URPN.	USPAT	OR	ON	2006/10/29 19:52
S50	8	("20020079552"   "20040012073"   "20050170635"   "20050218476"   "5444012"   "6440833"   "6677226"   "6864124").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 19:53
S51	23	("5970346").URPN.	USPAT	OR	ON	2006/10/29 19:55
S52	23	("5970346").URPN.	USPAT	OR	ON	2006/10/29 19:57
S53	3	("5970346"   "6100118"   "6444544").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 19:58

## EAST Search History

S54	282	semiconductor and (fuse same (thin near3 (portion area region place part)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 19:59
S55	169	S54 and (insulat\$3 dielectric \$2oxide) and (plug contact)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 20:00
S56	97	S55 and opening	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 20:00
S57	73	S56 and (@ad<"20020605" @rlad<"20020605")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 15:40
S58	73	S57 and (substrate wafer board carrier base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 20:10
S59	24	S56 not S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 20:10
S60	141	(S54 not S56) and (@ad<"20020605" @rlad<"20020605")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 20:17
S61	9	("4617723"   "4748491"   "4801558"   "5087589"   "5389814"   "5585662"   "5608257"   "5622892"   "5708291").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 20:29
S62	18	("5882998").URPN.	USPAT	OR	ON	2006/10/29 20:31
S63	110	jeng-shin-puu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 21:02
S64	13	wu-chi-hsi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 21:04
S65	7	hou-shang-y.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 21:03

## EAST Search History

S66	2	(S63 not (S64 S65)) and fuse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 21:04
S67	4	("5844295"   "6433438"   "6677226"   "6707129").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 21:06
S68	3	("5025300"   "5936296"   "6054340").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 21:07
S69	9	("3792319"   "4455194"   "4536949"   "4628590"   "4692190"   "4720470"   "4774561"   "4795720"   "4853758").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 21:08
S70	57	("5025300").URPN.	USPAT	OR	ON	2006/10/29 21:10
S71	1	("6707129").URPN.	USPAT	OR	ON	2006/10/29 21:11
S72	17	("4647340"   "4826785"   "4985750"   "5321264"   "5321322"   "5420455"   "5523253"   "5608257"   "5663590"   "5731624"   "5760674"   "5795819"   "6061264"   "6078091"   "6111301"   "6163062"   "6175145").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 21:12
S73	4	((("6707129") or ("6828653") or ("6375159") or ("5882998"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/04/04 16:26
S74	9	("4617723"   "4748491"   "4801558"   "5087589"   "5389814"   "5585662"   "5608257"   "5622892"   "5708291").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:28
S75	19	("5882998").URPN.	USPAT	OR	ON	2007/04/04 16:29
S76	17	("4647340"   "4826785"   "4985750"   "5321264"   "5321322"   "5420455"   "5523253"   "5608257"   "5663590"   "5731624"   "5760674"   "5795819"   "6061264"   "6078091"   "6111301"   "6163062"   "6175145").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:33
S77	3	("6375159").URPN.	USPAT	OR	ON	2007/04/04 16:35
S78	17	("20010022403"   "20010042897"   "20020084507"   "20020142592"   "4005472"   "4717591"   "5795819"   "6054380"   "6069066"   "6071808"   "6180505"   "6187680"   "6323128"   "6375159"   "6440833"   "6440834"   "6455913").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:48
S79	3	("6730982").URPN.	USPAT	OR	ON	2007/04/04 16:50
S80	3	("5731624"   "6559042"   "6730982").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:50
S81	10	("5645746"   "5663702"   "5777540"   "5834824"   "6078091"   "6096566"   "6162686"   "6288436"   "6300233"   "6375159").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:52
S82	15	("5212102"   "5244836"   "5427979"   "5472901"   "5538924"   "5573970"   "5618750"   "5702982"   "5879982"   "5907788"   "5953635"   "5970346"   "5989784"   "6027999"   "6078088").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:54
S83	4	("5413962"   "5708303"   "5783864"   "5798559").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:55
S84	22	("6078088").URPN.	USPAT	OR	ON	2007/04/04 16:56

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S85	72	("2244608"   "3147110"   "3337334"   "3506438"   "3548915"   "3548948"   "3687737"   "4389429"   "4561173"   "4962058"   "5158986"   "5173442"   "5324683"   "5324684"   "5334356"   "5336914"   "5408742"   "5444105"   "5447264"   "5457334"   "5470802"   "5473814"   "5510645"   "5578146"   "5593926"   "5725689"   "5747880"   "5786630"   "5798559"   "5821621"   "5844317"   "5866953"   "5879787"   "5891797"   "5900668"   "5972737"   "5983492"   "5989941"   "6046496"   "6048744"   "6049125"   "6075288"   "6077792"   "6078088"   "6122171"   "6148509"   "6153924"   "6159764"   "6163956"   "6204091"   "6208519"   "6211561"   "6215175"   "6229100"   "6252772"   "6268262"   "6303981"   "6314639"   "6324754"   "6326242"   "6326687"   "6344976"   "6384473"   "6429522"   "6495445").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 18:29
S86	10	("5645746"   "5663702"   "5777540"   "5834824"   "6078091"   "6096566"   "6162686"   "6288436"   "6300233"   "6375159").PN.	US-RGPUB; USPAT; USOCR	OR	ON	2007/04/05 15:13
S87	4	("4383165"   "4536949"   "5329152"   "5918147").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 15:14
S88	9	("6078091").URPN.	USPAT	OR	ON	2007/04/05 15:17
S89	2	"6707129"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/04/05 15:17
S90	3	("5025300"   "5936296"   "6054340").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 15:18
S91	1	("6707129").URPN.	USPAT	OR	ON	2007/04/05 15:18
S92	4	("5844295"   "6433438"   "6677226"   "6707129").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 15:18
S93	1	("6864124").URPN.	USPAT	OR	ON	2007/04/05 15:19
S94	8	("20020079552"   "20040012073"   "20050170635"   "20050218476"   "5444012"   "6440833"   "6677226"   "6864124").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 15:19
S95	1	("6707129").URPN.	USPAT	OR	ON	2007/04/05 15:21
S96	4	((("6707129" or ("6828653" or ("6375159" or ("5882998"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/04/05 15:28
S97	3	((("6433438" or ("6677226" or ("5844295"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/04/05 15:38
S98	175	((metal\$4 near3 fuse) same thin) and plug	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/04/05 15:39
S99	46	S98 and (@ad<"20020605" @rlad<"20020605")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 15:47
S100	6	((("6479341" or ("6194304" or ("6465867" or ("6312874" or ("5741626" or ("6759325"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/04/05 16:14

## EAST Search History

S10 1	129	S98 not S99	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/04/05 16:14
S10 2	4	"6375159"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/04/05 17:18
S10 3	17	("4647340"   "4826785"   "4985750"   "5321264"   "5321322"   "5420455"   "5523253"   "5608257"   "5663590"   "5731624"   "5760674"   "5795819"   "6061264"   "6078091"   "6111301"   "6163062"   "6175145").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 17:19